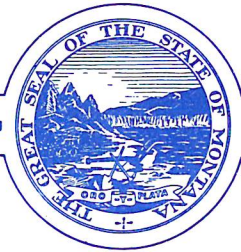


MONTANA NATURAL HERITAGE PROGRAM



TED SCHWINDEN, GOVERNOR

MONTANA STATE LIBRARY BUILDING

STATE OF MONTANA

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1 APRIL 1987

PLANT SPECIES OF SPECIAL CONCERN

The Montana Natural Heritage Program (MTNHP) is inventorying the elements of natural diversity of Montana. The inventory includes plant species, animal species, and plant associations which are rare, endemic, disjunct, threatened, or endangered throughout their range or in Montana, vulnerable to extirpation from Montana, or in need of further research.

The attached list of 364 plant taxa of special concern in Montana represents the list which, with periodic revision, is directing data acquisition by the MTNHP. It has been developed from information supplied by the Montana Rare Plant Project (University of Montana, Missoula, MT), as well as from the scientific literature and herbarium specimens. Field research was initiated during 1986. This list is dynamic, and will be revised as new data become available to MTNHP.

Written comments and suggestions are continually needed on this list, particularly regarding additions or deletions, specific locational information, and general comments for the improvement of the list. The data system (map, manual, and computer files) has been set up, and initial data for many taxa have been entered; MTNHP will eventually be able to supply location information and status data for most of these taxa.

Plant taxa are ranked by a standardized procedure used in all state heritage programs. They are ranked on the basis of their range-wide or global rarity, and on their rarity within the specific state, using these ranking categories:

GLOBAL

| <u>RANK</u> | <u>Definition</u> |
|-------------|--|
| G1 | Critically imperiled globally because of extreme rarity (5 or fewer occurrences, or very few remaining individuals), or because of some factor of its biology making it especially vulnerable to extinction. (Critically endangered throughout range). |
| G2 | Imperiled globally because of rarity (6 to 20 occurrences) or because of other factors demonstrably making it very vulnerable to extinction throughout its range. (Endangered throughout range). |

04/01/87

Montana Natural Heritage Program
Plant Species of Special Concern

| STATE NAME | ELCODE | FAMILY | GRANK | SRANK | FEDSTATUS |
|--|------------|------------------|-------|-------|-----------|
| ADDOXA MOSCHATELLINA | PDADO01010 | ADDOXACEAE | 65 | S1 | |
| AGASTACHE CUSICKII | PDLAM03030 | LAMIACEAE | 6364 | S1 | 3C |
| AGOSERIS SP. NOV. | PDAST09X10 | ASTERACEAE | 62 | S1 | |
| AGROSTIS BOREALIS | PMPOA040T0 | POACEAE | 65 | S1 | |
| ALLIUM ACUMINATUM | PMLIL02020 | LILIACEAE | 65 | S1 | |
| ALLIUM FIBRILLUM | PMLIL020X0 | LILIACEAE | 6? | S1 | |
| ALLIUM PARVUM | PMLIL021P0 | LILIACEAE | 65 | S1 | |
| ALLIUM SIMILLIMUM | PMLIL02270 | LILIACEAE | 6? | S1S2 | |
| ALLOTROPA VIRGATA | PDERI01010 | ERICACEAE | 64 | S1 | |
| AMARANTHUS CALIFORNICUS | PDAMA040A0 | AMARANTHACEAE | 6? | S1 | |
| AMMANNIA COCCINEA | PDLTY01020 | LYTHRACEAE | 6? | S1 | |
| AMORPHA CANESCENS | PDFAB08020 | FABACEAE | 65 | S1SX | |
| ANTENNARIA AROMATICA | PDAST0H0V0 | ASTERACEAE | 63 | S2 | C2 |
| ANTENNARIA PLANTAGINIFOLIA | PDAST0H0J0 | ASTERACEAE | 65 | SU | |
| ANTENNARIA PULCHERRIMA | PDAST0H0L0 | ASTERACEAE | 6364 | S1 | |
| AQUILEGIA BREVI-STYLA | PDRAN05020 | RANUNCULACEAE | 65 | S1 | |
| AQUILEGIA FORMOSA | PDRAN05080 | RANUNCULACEAE | 6? | S1 | |
| ARABIS FECUNDA | PDBRA06290 | BRASSICACEAE | 61 | S1 | C2 |
| ARABIS LIGNIFERA | PDBRA06120 | BRASSICACEAE | 6? | S1 | |
| ARCTOSTAPHYLOS PATULA | PDERI04130 | ERICACEAE | 64 | S1 | |
| ARENARIA KINGII | PDCAR040D0 | CARYOPHYLLACEAE | 6? | SU | |
| ARTEMISIA NORVEGICA VAR SAXATILIS | PDAST0S071 | ASTERACEAE | 6? | S1 | |
| ARTEMISIA PEDATIFIDA | PDAST0S1A0 | ASTERACEAE | 6? | S2 | |
| ASCLEPIAS STENOPHYLLA | PDASC021U0 | ASCLEPIADACEAE | 64 | S1 | |
| ASPLENIUM TRICHOMANES | PPASP021K0 | ASPLENIACEAE | 65 | S1 | |
| ASTER FRONDOSUS | PDAST0T160 | ASTERACEAE | 6? | SU | |
| ASTER PTARMICOIDES | PDAST0P1F0 | ASTERACEAE | 65 | S1 | |
| ASTRAGALUS ARETIOIDES | PDFAB0F0R0 | FABACEAE | 64 | S2 | |
| ASTRAGALUS ARGOPHYLLUS VAR ARGOPHYLLUS | PDFAB0F0S1 | FABACEAE | 6? | S1 | |
| ASTRAGALUS BARRII | PDFAB0F150 | FABACEAE | 6263 | S2 | C2 |
| ASTRAGALUS CERAMICUS VAR APUS | PDFAB0F1V1 | FABACEAE | 6473 | S1 | 3C |
| ASTRAGALUS CHAMAELEUCE | PDFAB0F1X0 | FABACEAE | 65 | S1 | |
| ASTRAGALUS CONVALLARIUS | PDFAB0F2D0 | FABACEAE | 65 | S1 | |
| ASTRAGALUS GEYERI | PDFAB0F3M0 | FABACEAE | 65 | S1 | |
| ASTRAGALUS GRAYI | PDFAB0F3V0 | FABACEAE | 6? | S1 | |
| ASTRAGALUS HYALINUS | PDFAB0F460 | FABACEAE | 63 | S2 | |
| ASTRAGALUS LENTIGINOSUS VAR SALINUS | PDFAB0F40R | FABACEAE | 65T? | S1 | |
| ASTRAGALUS LEPTALEUS | PDFAB0F4R0 | FABACEAE | 64 | SUS1 | |
| ASTRAGALUS MOLYBDENUS | PDFAB0F5M0 | FABACEAE | 6? | S1 | |
| ASTRAGALUS OREGANUS | PDFAB0F6D0 | FABACEAE | 6? | S1 | |
| ASTRAGALUS PLATTENSIS | PDFAB0F6W0 | FABACEAE | 64 | S2S3 | |
| ASTRAGALUS PLATYTROPIS | PDFAB0F6X0 | FABACEAE | 6? | SU | |
| ASTRAGALUS RACEMOSUS VAR LONGISETUS | PDFAB0F7C1 | FABACEAE | 6? | SU | |
| ASTRAGALUS SCAPHOIDES | PDFAB0F7V0 | FABACEAE | 62 | S1 | C2 |
| ASTRAGALUS TERMINALIS | PDFAB0F8U0 | FABACEAE | 6364 | S2 | |
| ATHYSANUS PUSILLUS | PDBRA08010 | BRASSICACEAE | 64 | S1 | |
| BACOPA ROTUNDIFOLIA | PDSCR06080 | SCROPHULARIACEAE | 65 | S1 | |
| BALSAMORHIZA MACROPHYLLA | PDAST11070 | ASTERACEAE | 6365 | S1 | |
| BIDENS TRIPARTITA | PDAST181L0 | ASTERACEAE | 6? | SU | |
| BIDENS VULGATA VAR SCHIZANTHA | PDAST181N1 | ASTERACEAE | 67T? | S1 | |

Montana Natural Heritage Program
Plant Species of Special Concern

| STATE NAME | ELCODE | FAMILY | GRANK | SRANK | FEDSTATUS |
|--------------------------------------|------------|------------------|-------|-------|-----------|
| BOTRYCHIUM CRENULATUM | PPOPH010L0 | OPHIOGLOSSACEAE | 61630 | S1 | C2 |
| BOTRYCHIUM HESPERIUM | PPOPH010Q0 | OPHIOGLOSSACEAE | 6264 | SU | |
| BOTRYCHIUM MINGANENSE | PPOPH010R0 | OPHIOGLOSSACEAE | 6364 | S1 | |
| BOTRYCHIUM MONTANUM | PPOPH010K0 | OPHIOGLOSSACEAE | 6263 | S2 | |
| BOTRYCHIUM PARADOXUM | PPOPH010J0 | OPHIOGLOSSACEAE | 61 | S10 | C2 |
| BRASENIA SCHREBERI | PDNYH01010 | NYMPHAEACEAE | 65 | S1 | |
| BULBOSTYLIS CAPILLARIS | PMCYP02020 | CYPERACEAE | 65 | S1 | |
| CALAMAGROSTIS TWEEDYI | PMPOA17150 | POACEAE | 63 | S1 | C2 |
| CAMISSONIA ANDINA | PDONA03010 | ONAGRACEAE | 64 | S1 | |
| CAMISSONIA MINOR | PDONA03110 | ONAGRACEAE | 67 | S1 | |
| CAMISSONIA SCAPOIDEA SSP BRACHYCARPA | PDONA03161 | ONAGRACEAE | 67 | S1 | |
| CARDAMINE RUPICOLA | PDBRA0K130 | BRASSICACEAE | 62 | S2 | 3C |
| CAREX AMPLIFOLIA | PMCYP030N0 | CYPERACEAE | 6364 | S1 | |
| CAREX CHORDORRHIZA | PMCYP032U0 | CYPERACEAE | 65 | S1 | |
| CAREX COMOSA | PMCYP032Y0 | CYPERACEAE | 65 | S1 | |
| CAREX CRAWEI | PMCYP03360 | CYPERACEAE | 65 | S1 | |
| CAREX EURYCARPA | PMCYP034E0 | CYPERACEAE | 67 | S1? | |
| CAREX GRAVIDA | PMCYP03560 | CYPERACEAE | 65 | S1S2 | |
| CAREX IDAHOA | PMCYP036E0 | CYPERACEAE | 630 | S1 | 3C |
| CAREX INCURVIFORMIS VAR DANAENSIS | PMCYP036G1 | CYPERACEAE | 67 | S1 | |
| CAREX LENTICULARIS VAR DOLIA | PMCYP037A3 | CYPERACEAE | 65T2 | S1 | C2 |
| CAREX LIVIDA | PMCYP037L0 | CYPERACEAE | 65 | S1 | |
| CAREX MICROGLOCHIN | PMCYP038K0 | CYPERACEAE | 65? | SU | |
| CAREX MISANDRA | PMCYP038N0 | CYPERACEAE | 67 | S2 | |
| CAREX MULTICOSTATA | PMCYP038Y0 | CYPERACEAE | 67 | S1 | |
| CAREX OCCIDENTALIS | PMCYP039M0 | CYPERACEAE | 67 | SU | |
| CAREX PAUPERICULA | PMCYP03A70 | CYPERACEAE | 65 | S1 | |
| CAREX PETRICOSA | PMCYP03AF0 | CYPERACEAE | 67 | S1 | |
| CAREX SCOPARIA | PMCYP03C90 | CYPERACEAE | 65 | S1 | |
| CAREX STENOPTILA | PMCYP03CX0 | CYPERACEAE | 67 | SU | |
| CAREX SYCHNOCEPHALA | PMCYP03DE0 | CYPERACEAE | 64 | S1 | |
| CAREX TENUIFLORA | PMCYP03 | CYPERACEAE | 65 | S1 | |
| CAREX TINCTA | PMCYP03DQ0 | CYPERACEAE | 6465 | S1 | |
| CAREX TORREYI | PMCYP03DT0 | CYPERACEAE | 64 | S1 | |
| CASTILLEJA ANGUSTIFOLIA | PDSCR0D020 | SCROPHULARIACEAE | 6365 | S1S2? | |
| CASTILLEJA COVILLEANA | PDSCR0D0K0 | SCROPHULARIACEAE | 67 | S1 | |
| CASTILLEJA EXILIS | PDSCR0D0W0 | SCROPHULARIACEAE | 67 | SU | |
| CASTILLEJA GRACILLIMA | PDSCR0D150 | SCROPHULARIACEAE | 67 | SU | |
| CASTILLEJA LONGISPICA | PDSCR0D1W0 | SCROPHULARIACEAE | 67 | SU | |
| CASTILLEJA OCCIDENTALIS | PDSCR0D290 | SCROPHULARIACEAE | 67 | S2 | |
| CASTILLEJA RUSTICA | PDSCR0D2V0 | SCROPHULARIACEAE | 67 | SU | |
| CEANOETHUS HERBACEUS | PDRHA040K0 | RHANNACEAE | 65 | S1SH | |
| CELASTRUS SCANDENS | PDCEL03020 | CELASTRACEAE | 65 | S1 | |
| CENTAURIUM EXALTATUM | PDGEN02060 | GENTIANACEAE | 65 | S1SX | |
| CENTUNCULUS MINIMUS | PDPRI01020 | PRIMULACEAE | 65 | S1SH | |
| CERCOCARPUS MONTANUS VAR GLABER | PDR0S08023 | ROSACEAE | 67 | S1 | |
| CHRYSOSPHEMIUM TETRANDRUM | PDSAX07050 | SAXIFRAGACEAE | 67 | S1 | |
| CHRYSOTHAMNUS LINIFOLIUS | PDAST2C050 | ASTERACEAE | 67 | S1SH | |
| CIRSIIUM BREVI-STYLUM | PDAST2E000 | ASTERACEAE | 67 | S1 | |
| CIRSIIUM LONGISTYLUM | PDAST2E1P0 | ASTERACEAE | 620 | S20 | |

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| STATE NAME | ELCODE | FAMILY | GRANK | SRANK | FEDSTATUS |
|---------------------------------------|------------|------------------|-------|-------|-----------|
| CIRSIIUM SUBNIVEUM | PDAST2E250 | ASTERACEAE | 6364 | S1 | |
| CLARKIA RHOMBOIDEA | PDONA050X0 | ONAGRACEAE | 6? | S1 | |
| CLAYTONIA LANCEOLATA VAR FLAVA | PDPOR03072 | PORTULACACEAE | 65T1 | S1 | C2 |
| CLEOME LUTEA | PDCPP03070 | CAPPARACEAE | 6? | S1 | |
| CONIOSELINUM SCOPULORUM | PDAP10P040 | APIACEAE | 6? | S1 | |
| CORDYLANTHUS CAPITATUS | PDSCR0J030 | SCROPHULARIACEAE | 6? | S1 | |
| CORDYLANTHUS RAMOSUS | PDSCR0J0N0 | SCROPHULARIACEAE | 6365 | S2 | |
| CORYDALIS SEMPERVIRENS | PDPAP070B0 | PAPAVERACEAE | 6465 | S1S2 | |
| CRYPTANTHA CANA | PDBOR0A0D0 | BORAGINACEAE | 63 | S3 | |
| CRYPTANTHA FENDLERI | PDBOR0A0X0 | BORAGINACEAE | 64 | S1 | |
| CRYPTANTHA FLAVOCULATA | PDBOR0A100 | BORAGINACEAE | 65 | S1 | |
| CRYPTANTHA HUMILIS | PDBOR0A1A0 | BORAGINACEAE | 6? | S1? | |
| CRYPTANTHA SOBOLIFERA | PDBOR0A2X0 | BORAGINACEAE | 6264 | S2 | 3C |
| CRYPTANTHA SPICULIFERA | PDBOR0A2Z0 | BORAGINACEAE | 6? | SU | |
| CUSCUTA PENTAGONA | PDCON07140 | CONVOLVULACEAE | 65 | S1SU | |
| CYPERUS ACUMINATUS | PMCYP06010 | CYPERACEAE | 65 | S1 | |
| CYPERUS ERYTHORRHIZOS | PMCYP060Z0 | CYPERACEAE | 65 | SU | |
| CYPERUS RIVULARIS | PMCYP06320 | CYPERACEAE | 65 | S1 | |
| CYPERUS SCHWEINITZII | PMCYP06360 | CYPERACEAE | 65 | S1 | |
| CYPRIPEDIUM CALCEOLUS VAR PARVIFLORUM | PMORC00090 | ORCHIDACEAE | 64T3 | S2 | |
| CYPRIPEDIUM FASCICULATUM | PMORC00060 | ORCHIDACEAE | 64 | S1 | 3C |
| CYPRIPEDIUM PASSERINUM | PMORC000A0 | ORCHIDACEAE | 6465 | S1 | |
| CYSTOPTERIS MONTANA | PPASP08050 | ASPLENIACEAE | 65 | S1SU | |
| DALEA VILLOSA VAR VILLOSA | PDFAB1A102 | FABACEAE | 6? | S1 | |
| DELPHINIUM ANDERSONII | PDRAN0B030 | RANUNCULACEAE | 6? | SU | |
| DELPHINIUM BURKEI | PDRAN0B090 | RANUNCULACEAE | 6? | S1 | |
| DELPHINIUM WOOTONII | PDRAN0B0L0 | RANUNCULACEAE | 6? | SU | |
| DICHANTHELIUM OLIGOSANTHES | PMPOA24000 | POACEAE | 65 | S1SH | |
| DRABA APICULATA | PDBRA11050 | BRASSICACEAE | 6465 | S1 | |
| DRABA BRACHYCARPA | PDBRA110J0 | BRASSICACEAE | 6465 | S1 | |
| DRABA DAVIESIAE | PDBRA112U0 | BRASSICACEAE | 62 | S2 | |
| DRABA FLADNIZENSIS | PDBRA110Z0 | BRASSICACEAE | 6? | S1 | |
| DRABA MACCOUNII | PDBRA111H0 | BRASSICACEAE | 6364 | S1 | |
| DRABA PORSILDII | PDBRA11200 | BRASSICACEAE | 6? | S1 | |
| DRABA VENTOSA | PDBRA112N0 | BRASSICACEAE | 65 | S1 | |
| DROSER A LINEARIS | PDDR002060 | DROSERACEAE | 64 | S1 | |
| DRYAS INTEGRIFOLIA | PDR0S0L020 | ROSACEAE | 65 | S1 | |
| DRYOPTERIS CRISTATA | PPASP0C080 | ASPLENIACEAE | 65 | S1 | |
| ELATINE CALIFORNICA | PDELT02040 | ELATINACEAE | 6? | S1 | |
| ELODEA LONGIVAGINATA | PMHYD03060 | HYDROCHARITACEAE | 6? | S1 | |
| ELODEA NUTTALLII | PMHYD03080 | HYDROCHARITACEAE | 65 | S2 | |
| ELYMUS FLAVESCENS | PMPOA2H070 | POACEAE | 64 | S1 | |
| ELYMUS INNOVATUS | PMPOA2H0A0 | POACEAE | 64 | S1 | |
| EPIPACTIS GIGANTEA | PMORC11010 | ORCHIDACEAE | 64 | S1 | |
| ERIGERON ALLOCOTUS | PDAST3M050 | ASTERACEAE | 6264 | S2 | 3C |
| ERIGERON ASPERUGINEUS | PDAST3M0D0 | ASTERACEAE | 64 | S1 | |
| ERIGERON BELLIDIATRUM | PDAST3M0J0 | ASTERACEAE | 6? | SU | |
| ERIGERON EATONII SSP EATONII | PDAST3M171 | ASTERACEAE | 6? | S1? | |
| ERIGERON EVERMANNII | PDAST3M1B0 | ASTERACEAE | 6465 | S2 | |
| ERIGERON FLABELLIFOLIUS | PDAST3M1E0 | ASTERACEAE | 6? | S2 | |

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| STATE NAME | ELCODE | FAMILY | GRANK | SRANK | FEDSTATUS |
|--|------------|------------------|-------|-------|-----------|
| ERIGERON FLAGELLARIS | PDAST3M1F0 | ASTERACEAE | G? | S1 | |
| ERIGERON FORMOSISSIMUS VAR VISCIDUS | PDAST3M1K2 | ASTERACEAE | G? | S1 | |
| ERIGERON GRACILIS | PDAST3M1R0 | ASTERACEAE | G4 | S1 | |
| ERIGERON LACKSCHEWITZII | PDAST3M4F0 | ASTERACEAE | G10 | S10 | |
| ERIGERON LANATUS | PDAST3M250 | ASTERACEAE | G4 | S2 | |
| ERIGERON LINEARIS | PDAST3M2B0 | ASTERACEAE | G? | SU | |
| ERIOGONUM CHRYSOPS | PDPGN08120 | POLYGONACEAE | GHD | S2 | C2 |
| ERIOGONUM LAGOPUS | PDPGN083E0 | POLYGONACEAE | G1G3 | S10 | C2 |
| ERIOGONUM PYROLIFOLIUM VAR CORYPHEUM | PDPGN084Z1 | POLYGONACEAE | G? | S2 | |
| ERIOGONUM UMBELLATUM VAR STELLATUM | PDPGN0862K | POLYGONACEAE | G? | SU | |
| ERIOPHORUM ALPINUM | PMCYP0A010 | CYPERACEAE | G5 | S1 | |
| ERIOPHORUM VIRIDICARINATUM | PMCYP0A0E0 | CYPERACEAE | G5 | S1 | |
| ERYTHRONIUM GRANDIFLORUM VAR CANDIDUM | PMLIL0U051 | LILIACEAE | G5T3 | S2 | |
| EUPATORIUM MACULATUM VAR BRUNERI | PDAST3P141 | ASTERACEAE | G5TU | S1 | |
| EUPATORIUM OCCIDENTALE | PDAST3P180 | ASTERACEAE | G4 | S1 | |
| EUPHRASIA DISJUNCTA | PDSCR0P030 | SCROPHULARIACEAE | G5 | S1 | |
| FESTUCA VIVIPARA | PM | POACEAE | GU | S10 | |
| GENTIANA AQUATICA | PDGEN06050 | GENTIANACEAE | G4 | S1 | |
| GENTIANA GLAUCA | PDGEN060E0 | GENTIANACEAE | G? | S1 | |
| GENTIANELLA PROPINQUA | PDGEN07050 | GENTIANACEAE | G4 | S1S2 | |
| GENTIANELLA TENELLA | PDGEN07070 | GENTIANACEAE | G4 | S2 | |
| GENTIANOPSIS MACCOUNII | PDGEN08050 | GENTIANACEAE | G3G4 | S1 | |
| GENTIANOPSIS SIMPLEX | PDGEN080A0 | GENTIANACEAE | G3G4 | S1 | |
| GEOCAULON LIVIDUM | PDSAN04010 | SANTALACEAE | G4 | S1 | |
| GEUM ROSSII VAR ROSSII | PDR0S0S0E2 | ROSACEAE | G4G5T | SU | |
| GILIA LEPTOMERIA VAR LEPTOMERIA | PDPLM040X1 | POLEMONIACEAE | G?T? | S2? | |
| GILIA TWEEDYI | PDPLM041U0 | POLEMONIACEAE | G4G5Q | S1 | |
| GLANDULARIA BIPINNATIFIDA | PDVER0A010 | VERBENACEAE | G? | SU | |
| GOODYERA REPENS | PMORC17030 | ORCHIDACEAE | G5 | S1 | |
| GRAYIA SPINOSA | PDCH0C020 | CHENOPODIACEAE | G5 | SU | |
| GRINDELIA HOWELLII | PDAST470E0 | ASTERACEAE | G3 | S3 | C2 |
| HALENIA DEFLEXA | PDGEN09010 | GENTIANACEAE | G4 | S1 | |
| HAPLOPAPPUS MACRONEMA | PDAST4F0U0 | ASTERACEAE | G3G5 | S1 | |
| HAPLOPAPPUS MULTICAULIS | PDAST4F0W0 | ASTERACEAE | G4 | S1 | |
| HAPLOPAPPUS NANUS | PDAST3L0B0 | ASTERACEAE | G? | S1 | |
| HAPLOPAPPUS PYGMAEUS | PDAST4F100 | ASTERACEAE | G? | S1 | |
| HEDYSARUM ALPINUM | PDFAB12010 | FABACEAE | G5 | SU | |
| HEMICARPHA DRUMMONDII | PMCYP0E010 | CYPERACEAE | G? | SU | |
| HETERANTHERA DUBIA | PMPON06010 | PONTEDERIACEAE | G5 | S1 | |
| HETEROCODON RARIFLORUM | PDCAM08010 | CAMPANULACEAE | G? | S1 | |
| HOWELLIA AQUATILIS | PDCAM0A010 | CAMPANULACEAE | G2 | S1 | C2 |
| HUTCHINSIA PROCUMBENS | PDBRA1E010 | BRASSICACEAE | G5 | S1 | |
| HYMENOPAPPUS FILIFOLIUS VAR IDAHOENSIS | PDAST51034 | ASTERACEAE | G2G4T | SU | 3C |
| HYMENOPAPPUS FILIFOLIUS VAR LUTEUS | PDAST51036 | ASTERACEAE | G? | SU | |
| IDAHOA SCAPIGERA | PDBRA1G010 | BRASSICACEAE | G5 | S1 | |
| IPOMOPSIS CONGESTA SSP CREBRIFOLIA | PDPLN06032 | POLEMONIACEAE | G? | S1 | |
| IPOMOPSIS PUMILA | PDPLN060E0 | POLEMONIACEAE | G? | S1 | |
| JUNCUS ACUMINATUS | PMJUN01030 | JUNCACEAE | G5 | S1 | |
| JUNCUS ALBESCENS | PMJUN01060 | JUNCACEAE | G? | S1 | |
| JUNCUS BIGLUMIS | PMJUN010B0 | JUNCACEAE | G? | S2 | |

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| STATE NAME | ELCODE | FAMILY | GRANK | SRANK | FEDSTATUS |
|------------------------------------|-------------|------------------|-------|-------|-----------|
| JUNCUS CASTANEUS | PMJUN010P0 | JUNCACEAE | 6? | S2 | |
| JUNCUS COVILLEI | PMJUN010V0 | JUNCACEAE | 6465 | S1 | |
| JUNCUS HALLII | PMJUN011E0 | JUNCACEAE | 6? | S1 | |
| JUNCUS TRIGLUMIS | PMJUN012Z0 | JUNCACEAE | 65 | S2 | |
| KELLOGGIA GALIODES | PDRUB12010 | RUBIACEAE | 6? | S1 | |
| KOBRESIA MACROCARPA | PMCP00F020 | CYPERACEAE | 65 | S1 | |
| KOBRESIA SIMPLICIUSCULA | PMCP00F030 | CYPERACEAE | 65 | S1 | |
| KOCHIA AMERICANA | PDCHE00E010 | CHENOPODIACEAE | 6? | S1 | |
| KOENIGIA ISLANDICA | PDPGN00D010 | POLYGONACEAE | 64 | S2 | |
| LATHYRUS BIJUGATUS | PDFAB25040 | FABACEAE | 6? | S1 | |
| LEPIDIUM MONTANUM VAR MONTANUM | PDBRA1M0LA | BRASSICACEAE | 6? | S1 | |
| LEPTODACTYLON CAESPITOSUM | PDPLM00B010 | POLEMONIACEAE | 6364 | S1 | |
| LESQUERELLA CARINATA | PDBRA1N0B0 | BRASSICACEAE | 63 | S1 | 3C |
| LESQUERELLA HUMILIS | PDBRA1N1Y0 | BRASSICACEAE | 61 | S1 | |
| LESQUERELLA KLAUSII | PDBRA1N1Z0 | BRASSICACEAE | 62 | S2 | |
| LESQUERELLA OCCIDENTALIS | PDBRA1N170 | BRASSICACEAE | 64 | S1 | |
| LEWISIA COLUMBIANA VAR WALLOWENSIS | PDPOR04033 | PORTULACACEAE | 64T4 | S1 | 3C |
| LIGUSTICUM FILICINUM | PDAP110060 | APIACEAE | 6? | S1 | |
| LIGUSTICUM PORTERI | PDAP110080 | APIACEAE | 6465 | S1 | |
| LIGUSTICUM VERTICILLATUM | PDAP1100B0 | APIACEAE | 6465 | S2S3 | |
| LILAEA SCILLOIDES | PMSCH01010 | SCHEUCHZERIACEAE | 6? | S1 | |
| LILIUM COLUMBIANUM | PMLIL1A050 | LILIACEAE | 6? | S1 | |
| LINANTHUS NUTTALLII SSP NUTTALLII | PDPLM090V1 | POLEMONIACEAE | 6?T? | S2 | |
| LINARIA TEXANA | PDSCR110D0 | SCROPHULARIACEAE | 6465 | S1 | |
| LOBELIA SPICATA | PDCAN00E190 | CAMPANULACEAE | 65 | S1 | |
| LOMATIUM BICOLOR VAR BICOLOR | PDAP11B021 | APIACEAE | 6? | S2 | |
| LOMATIUM BEYERI | PDAP11B0N0 | APIACEAE | 6? | S1 | |
| LYCOPODIUM ALPINUM | PPLYC01020 | LYCOPODIACEAE | 6? | S1S2 | |
| LYCOPODIUM OBSCURUM | PPLYC010P0 | LYCOPODIACEAE | 65 | SU | |
| MACHAERANTHERA COMMIXTA | PDAST640D0 | ASTERACEAE | 6364 | S1 | |
| MADIA MINIMA | PDAST650C0 | ASTERACEAE | 6? | SU | |
| MAIANTHEMUM CANADENSE | PMLIL1D010 | LILIACEAE | 65 | S1SH | |
| MALACOTHRIX TORREYI | PDAST660E0 | ASTERACEAE | 65 | S1 | |
| MENTZELIA MONTANA | PDLOA03110 | LOASACEAE | 64 | SU | |
| MENTZELIA NUDA | PDLOA03150 | LOASACEAE | 6? | SU | |
| MENTZELIA PUMILA | PDLOA03160 | LOASACEAE | 6? | S1 | |
| MERTENSIA BELLA | PDBOR00N040 | BORAGINACEAE | 64 | S1 | |
| MIMULUS NANUS | PDSCR1B1Y0 | SCROPHULARIACEAE | 6? | S1S2 | |
| MIMULUS PRIMULOIDES | PDSCR1B270 | SCROPHULARIACEAE | 6? | S1 | |
| MIRABILIS HIRSUTA | PDNYC00A0P0 | NYCTAGINACEAE | 6? | S1 | |
| MUHLENBERGIA ANDINA | PMPOA40010 | POACEAE | 64 | S2 | |
| MUHLENBERGIA MINUTISSIMA | PMPOA40130 | POACEAE | 64 | S1 | |
| MYOSOTIS VERNA | PDBOR00P0D0 | BORAGINACEAE | 6? | SU | |
| NAJAS GUADALUPENSIS | PMNAJ01050 | NAJADACEAE | 65 | S1 | |
| NYMPHAEA TETRAGONA | PDNYM050B0 | NYMPHAEACEAE | 65 | S1 | |
| OENOTHERA PALLIDA VAR IDAHOENSIS | PDONA00Y2 | ONAGRACEAE | 64T4 | S1 | |
| OPHIOGLOSSUM VULGATUM | PPOPH020B0 | OPHIOGLOSSACEAE | 65 | S1 | |
| ORCHIS ROTUNDIFOLIA | PMORC01010 | ORCHIDACEAE | 65 | S1 | |
| OROBANCHE CORYMBOSA | PDORD04040 | OROBANCHACEAE | 6? | S1 | |
| OROGENTIA LINEARIFOLIA | PDAP11J020 | APIACEAE | 6? | S1 | |

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|-------------------------------------|------------|------------------|--------|-------|-----------|
| OXYTROPIS COLUMBIANA | PDFAB2X0S0 | FABACEAE | 62 | S1 | |
| OXYTROPIS LAGOPUS VAR CONJUGENS | PDFAB2X0A2 | FABACEAE | 64T2 | S2 | |
| OXYTROPIS PODOCARPA | PDFAB2X0K0 | FABACEAE | 6? | S1 | |
| PAPAVER KLUANENSIS | PDPAP0H080 | PAPAVERACEAE | 64 | S1 | |
| PAPAVER PYGMAEUM | PDPAP0H020 | PAPAVERACEAE | 65 | S2 | |
| PEDICULARIS CONTORTA VAR CTENOPHORA | PDSCR1K092 | SCROPHULARIACEAE | 6? | SU | |
| PEDICULARIS CONTORTA VAR RUBICUNDA | PDSCR1K093 | SCROPHULARIACEAE | 6?T? | S1 | |
| PEDICULARIS OEDERI | PDSCR1K0R0 | SCROPHULARIACEAE | 6? | S2 | |
| PENSTEMON ATTENUATUS VAR MILITARIS | PDSCR1L0H2 | SCROPHULARIACEAE | 64T4 | S1 | |
| PENSTEMON CARYI | PDSCR1L180 | SCROPHULARIACEAE | 6263 | S2 | 3C |
| PENSTEMON FLAVESCENS | PDSCR1L2B0 | SCROPHULARIACEAE | 63 | S1 | |
| PENSTEMON LARICIFOLIUS | PDSCR1L3J0 | SCROPHULARIACEAE | 64 | S2 | |
| PENSTEMON LEMHIENSIS | PDSCR1L3N0 | SCROPHULARIACEAE | 63 | S2 | C2 |
| PENSTEMON PAYETENSIS | PDSCR1L4T0 | SCROPHULARIACEAE | 64 | S1 | |
| PENSTEMON WHIPPLEANUS | PDSCR1L6P0 | SCROPHULARIACEAE | 65 | S1 | |
| PHACELIA INCANA | PDHYD0C270 | HYDROPHYLLACEAE | 6364 | S1 | |
| PHACELIA IVESIANA | PDHYD0C260 | HYDROPHYLLACEAE | 6? | S1 | |
| PHACELIA THERMALIS | PDHYD0C4L0 | HYDROPHYLLACEAE | 6? | S1 | |
| PHIPPSIA ALGIDA | PNPOA4T010 | POACEAE | 65 | S1 | 3C |
| PHLOX ANDICOLA | PDPLN0D080 | POLEMONIACEAE | 6? | SU | |
| PHLOX MISSOULENSIS | PDPLN0D190 | POLEMONIACEAE | 620 | S20 | 3C |
| PHYSALIS HEDERAEFOLIA | PDSOL0S0D0 | SOLANACEAE | 65? | SU | |
| PHYSALIS PUMILA | PDSOL0S0M0 | SOLANACEAE | 6? | SU | |
| PHYSARIA ACUTIFOLIA | PDBRA22010 | BRASSICACEAE | 6465 | S2 | |
| PHYSARIA SAXIMONTANA VAR DENTATA | PDBRA220L1 | BRASSICACEAE | 62T1 | S1 | |
| PHYSOCARPUS MONOGYNUS | PDR0S19040 | ROSACEAE | 64 | SU | |
| PINGUICULA VULGARIS | PDLNT01090 | LENTIBULARIACEAE | 65 | S2 | |
| PLAGIOBOTHRYX LEPTOCLADUS | PDBOR0V0N0 | BORAGINACEAE | 6? | S1 | |
| PLATYSCHUKHRIA INTEGRIFOLIA | PDAST7C010 | ASTERACEAE | 6? | S2 | |
| POLYGONUM DOUGLASII VAR AUSTINAE | PDPGN0L0X1 | POLYGONACEAE | 6465TU | SU | |
| POLYSTICHUM KRUCKEBERGII | PPASP0U0B0 | ASPLENIACEAE | 65 | S1 | 3C |
| POLYSTICHUM SCOPULINUM | PPASP0U0K0 | ASPLENIACEAE | 6? | SU | |
| POTAMOGETON OBTUSIFOLIUS | PMPT030R0 | POTAMOGETONACEAE | 65 | S1S2 | |
| POTENTILLA BREVIIFOLIA | PDR0S1B0B0 | ROSACEAE | 6? | S1 | |
| POTENTILLA UNIFLORA | PDR0S1B2B0 | ROSACEAE | 6? | S1 | |
| PRIMULA ALCALINA | PDPRI080Q0 | PRIMULACEAE | 61? | S1SH | |
| PSILOCARPHUS BREVISSIMUS | PDAST7R010 | ASTERACEAE | 64 | S1 | |
| PSORALEA HYPOGAEA | PDFAB3B0F0 | FABACEAE | 6364 | S1 | |
| PTERYXIA HENDERSONII | PDAP11X020 | APIACEAE | 6? | S2SU | |
| QUERCUS MACROCARPA | PDFAG05190 | FAGACEAE | 65 | S1? | |
| RANUNCULUS CARDIOPHYLLUS | PDRAN0L0K0 | RANUNCULACEAE | 6? | S1 | |
| RANUNCULUS GELIDUS | PDRAN0L0Y0 | RANUNCULACEAE | 64 | S1 | |
| RANUNCULUS JOVIS | PDRAN0L1D0 | RANUNCULACEAE | 6? | S1 | |
| RORIPPA CALYCINA | PDBRA27040 | BRASSICACEAE | 62 | S1 | C2 |
| RUBUS URSINUS | PDR0S1K7X0 | ROSACEAE | 65 | S2 | |
| SAGINA NIVALIS | PDCAR0P070 | CARYOPHYLLACEAE | 65 | S1 | |
| SALIX BARRATTIANA | PDSAL020D0 | SALICACEAE | 65 | S1 | |
| SALIX SERISSIMA | PDSAL022P0 | SALICACEAE | 64 | S1 | |
| SALIX WOLFII VAR WOLFII | PDSAL02341 | SALICACEAE | 6365T? | S1 | |
| SATUREJA DOUGLASII | PDLAM1T020 | LAMIACEAE | 6? | S1? | |

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|---------------------------------------|------------|------------------|-------|-------|-----------|
| SAUSSUREA DENSA | PDAST8B051 | ASTERACEAE | 64 | S1 | |
| SAUSSUREA WEBERI | PDAST8B060 | ASTERACEAE | 64 | S1 | 3C |
| SAXIFRAGA APETALA | PDSAX0U220 | SAXIFRAGACEAE | 67 | S2 | |
| SAXIFRAGA CHRYSANTHA | PDSAX0U0D0 | SAXIFRAGACEAE | 67 | S1 | |
| SAXIFRAGA TEMPESTIVA | PDSAX0U1R0 | SAXIFRAGACEAE | 62 | S2 | |
| SAXIFRAGA TOLMIEI VAR LEDIFOLIA | PDSAX0U1U1 | SAXIFRAGACEAE | 6575 | S2 | |
| SCIRPUS CYPERINUS | PMCPY0Q0F0 | CYPERACEAE | 65 | S1 | |
| SCIRPUS HETEROCHAETUS | PMCPY0Q0T0 | CYPERACEAE | 65 | S3 | |
| SCIRPUS NEVADENSIS | PMCPY0Q130 | CYPERACEAE | 64 | S1S2 | |
| SCIRPUS SUBTERMINALIS | PMCPY0Q160 | CYPERACEAE | 6465 | S1 | |
| SEDUM DEBILE | PDCRA0A090 | CRASSULACEAE | 6465 | S1 | |
| SELAGINELLA SELAGINOIDES | PPSEL01110 | SELAGINELLACEAE | 65 | S1 | |
| SELAGINELLA WATSONII | PPSEL011D0 | SELAGINELLACEAE | 6465 | S1 | |
| SENECIO AMPECTENS VAR HOLMII | PDAST8H022 | ASTERACEAE | 67 | S1 | |
| SENECIO DEBILIS | PDAST8H110 | ASTERACEAE | 6364 | S1 | |
| SENECIO FUSCATUS | PDAST8H1E0 | ASTERACEAE | 67 | S2 | |
| SENECIO PAUCIFLORUS | PDAST8H2D0 | ASTERACEAE | 6465 | S1 | |
| SHOSHONEA PULVINATA | PDAPI2G010 | APIACEAE | 62 | S1 | C2 |
| SILENE SPALDINGII | PDCAR0U1S0 | CARYOPHYLLACEAE | 62 | S1 | C2 |
| SOLIDAGO SPARSIFLORA | PDAST8P1V0 | ASTERACEAE | 67 | SU | |
| SPHAERALCEA MUNRODANA | PDHAL140F0 | NALVACEAE | 64 | S1 | |
| SPHAEROMERIA CAPITATA | PDAST8S030 | ASTERACEAE | 6364 | S2 | |
| SPHENOPHOLIS OBTUSATA VAR MAJOR | PMPOAST031 | POACEAE | 67 | S2 | |
| SPOROBOLUS NEGLECTUS | PMPOASV0L0 | POACEAE | 65 | SU | |
| SPOROBOLUS VAGINIFLORUS | PMPOASV0X0 | POACEAE | 65 | SU | |
| STANLEYA TOMENTOSA | PDBRA2E050 | BRASSICACEAE | 64 | S1 | |
| STANLEYA VIRIDIFLORA | PDBRA2E060 | BRASSICACEAE | 64 | S1 | |
| STELLARIA SINCOEI | PDCAR0X100 | CARYOPHYLLACEAE | 640 | S10 | |
| STEPHANOMERIA SPINOSA | PDAST8U0E0 | ASTERACEAE | 67 | S2 | |
| STIPA LETTERMANII | PMPOASX0H0 | POACEAE | 67 | SU | |
| STIPA THURBERIANA | PMPOASX120 | POACEAE | 67 | SU | |
| STREPTANTHELLA LONGIROSTRIS | PDBRA2F010 | BRASSICACEAE | 67 | S1 | |
| SULLIVANTIA HAPEMANII | PDSAX0X010 | SAXIFRAGACEAE | 63 | S1 | 3C |
| SYNTHYRIS CANBYI | PDSCR1W020 | SCROPHULARIACEAE | 62 | S2 | 3C |
| SYNTHYRIS MISSURICA | PDSCR1W040 | SCROPHULARIACEAE | 670 | S1 | |
| TARAXACUM ERIOPHORUM | PDAST93060 | ASTERACEAE | 64 | S1 | |
| TETRANEURIS TORREYANA | PDAST530H0 | ASTERACEAE | 67 | S1 | |
| THALICTRUM ALPINUM | PDRAN0M010 | RANUNCULACEAE | 65 | S1 | |
| THELYPODIUM PANICULATUM | PDBRA2N0B0 | BRASSICACEAE | 67 | S1 | |
| THELYPODIUM SAGITTATUM SSP SAGITTATUM | PDBRA2N0E2 | BRASSICACEAE | 67 | SU | |
| THELYPTERIS PHEGopteris | PPASP0X130 | ASPLENIACEAE | 65 | S1 | |
| THLASPI PARVIFLORUM | PDBRA2P050 | BRASSICACEAE | 67 | SU | |
| TOFIELDIA PUSILLA | PHLIL1Y040 | LILIACEAE | 6465 | S1 | |
| TOWNSENDIA CONDENSATA | PDAST9C040 | ASTERACEAE | 67 | S1 | |
| TOWNSENDIA FLORIFER | PDAST9C080 | ASTERACEAE | 65 | S1 | |
| TOWNSENDIA INCANA | PDAST9C0D0 | ASTERACEAE | 67 | S1S2 | |
| TOWNSENDIA LEPTOTES | PDAST9C0F0 | ASTERACEAE | 67 | SU | |
| TOWNSENDIA SPATHULATA | PDAST9C0M0 | ASTERACEAE | 63 | S2 | 3C |
| TRADESCANTIA BRACTEATA | PHCOM0B010 | COMMELINACEAE | 6365 | SU | |
| TRIFOLIUM ERIDIOCEPHALUM SSP ARCUATUM | PDFAB400V1 | FABACEAE | 67 | S1 | |

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|---------------------------------|------------|------------------|-------|-------|-----------|
| TRIFOLIUM GYMNOCARPON | PDFAB40110 | FABACEAE | G? | SU | |
| TRIGLOCHIN CONCINNUM VAR DEBILE | PMSCH03012 | SCHEUCHZERIACEAE | G5T4 | S1 | |
| TRisetum ORTHOCHAETUM | PMPDA690A0 | POACEAE | G1Q | S1Q | C2 |
| UTRICULARIA INTERMEDIA | PDLNT020A0 | LENTIBULARIACEAE | G5 | S1 | |
| VACCINIUM MYRTILLOIDES | PDERI180M0 | ERICACEAE | G5 | S1 | |
| VERATRUM CALIFORNICUM | PMLIL25020 | LILIACEAE | G5 | S1SU | |
| VERBESINA ENCELIOIDES | PDAST9R060 | ASTERACEAE | G? | SU | |
| VIBURNUM LENTAGO | PDCPR070B0 | CAPRIFOLIACEAE | G5 | S1 | |
| VIOLA RENIFOLIA | PDVIO041V0 | VIOLACEAE | G5 | S1 | |
| WOLFFIA COLUMBIANA | PMLEM03030 | LEMNACEAE | G5 | S1 | |
| WOLFFIA PUNCTATA | PMLEM03040 | LEMNACEAE | G5 | S1 | |
| WYETHIA SCABRA VAR SCABRA | PDAST9X0E3 | ASTERACEAE | G? | S1 | |
| XYLORHIZA GLABRIUSCULA | PDASTA1030 | ASTERACEAE | G3G5 | S1 | |
| ZIZIA AUREA | PDAPI2F020 | APIACEAE | G5 | SU | |